

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: David M. Lubman *et al.*

Serial No.: 09/778,496

Filed: 02/07/01

Entitled: Mapping Of Differential Display Of Protein

Group No.: 1631

Examiner: Mahatan

All
Plunkett
7/18/03

**SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT TRANSMITTAL**

Commissioner for Patents
P.O. Box 1450
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Dated: June 24, 2003

By: 


Mary Ellen Waite

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Enclosed please find a Supplemental Information Disclosure Statement and Form PTO-1449, including copies of the references contained thereon, for filing in the U.S. Patent and Trademark Office.

Applicants believe no fee is required. If the Commissioner deems otherwise, the Commissioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. 08-1290. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

Dated: June 24, 2003


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In re Application of: David M. Lubman *et al.*

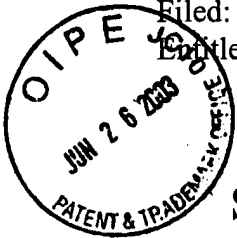
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By: _____

Mary Ellen Waite

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The citations listed below, copies attached, may be material to the examination of the above-identified application, and are therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. §§ 1.56 and 1.97. The Examiner is requested to make these citations of official record in this application.

The following are related U.S. patent applications:

- 09/778547, Lubman, *et al.*, "Protein Mapping;"
- 09/778548, Lubman, *et al.*, "Protein Separation and Display;"
- 10/133896, Lubman, *et al.*, "Proteomic Differential Display;"
- 09/968930, Lubman, *et al.*, "Protein Mapping;"
- 10/133711, Wall, *et al.*, "Three-Dimensional Protein Mapping."

The following are related WO patents:

- WO 01/58925, Chong *et al.* "Protein Separation And Display;"
- WO 01/58926, Chong *et al.* "Protein Mapping;" and
- WO 02/088701, Wall *et al.*, "Methods Of Multi-Phase Protein Analysis."

The following references were cited in the International Search Report for the related PCT Patent WO0158925:

- US 5670054, Kibbey *et al.*, "Method and system for identification, purification, and quantitation of reaction components;"
- US 5498545, Vestal, "Mass spectrometer system and method for matrix-assisted laser desorption measurements;"
- EP0617048, Waters Investments LTD (US), "Method of capillary isoelectric focusing of proteins and peptides with fraction collection for post-run analysis;"
- WO9701755, Perspective Biosystems Inc. "High Speed, Automated, Continuous Flow, Multi-Dimensional Molecular Selection And Analysis;"
- WO 98/40395, Taylor Paul D *et al.*, "Band Array Display Of Polynucleotide Separations;"
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The following references were cited in the International Search Report for the related PCT Patent WO02088701:

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as applied to the human erythroleukemia cell-line," *Rapid Commun Mass Spectrom*, 15(18):1649 (2001);

- Wall, *et al.*, "Three-dimensional protein map according to pI, hydrophobicity and molecular mass," *J Chromatogr B Analyt Technol Biomed Life Sci*, 774(1):53 (2002); and
- Zgoda and Victor G; Prossorovsky, "Prediction and experimental confirmation of the cytochrome b5 three-dimensional peptide map," *Physical Chemical Biology and Medicine*, 2(3):135 (1995);

Applicants have become aware of the following printed publications which may be material to the examination of this application:

- Bini, *et al.*, "Protein expression profiles in human breast ductal carcinoma and histologically normal tissue," *Electrophoresis*, 18(15):2832 (1997);
- Chen, *et al.*, "Identification of proteins from two-dimensional gel electrophoresis of human erythroleukemia cells using capillary high performance liquid chromatography/electrospray-ion trap-reflectron time-of-flight mass spectrometry with two-dimensional topographic map analysis of in-gel tryptic digest products," *Rapid Commun Mass Spectrom*, 13(19):1907 (1999);
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This Information Disclosure Statement under 37 C.F.R. §§ 1.56 and 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these citations constitutes prior art.

Dated: June 24, 2003



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